

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Rec'd PCT/PTO

10/009950

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In re application of:

Akira NAKAMURA et al.

Int'l. Appln. No. PCT/JP00/04132

Appl. No: Unassigned

Int'l. Filing Date: June 23, 2000

Filed: December 14, 2001

Atty. Docket No: 31671-176197

For: GOODPASTURE'S SYNDROME  
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PATENT TRADEMARK OFFICE

**Information Disclosure Statement**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application. One copy of each of the listed documents is submitted herewith.

The relevance of documents A1, A2, A4, A5 and A8 are cited in the present specification.

The relevance of documents A3, A6, A7 and A9-A11 are cited in the enclosed International Search Report.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information

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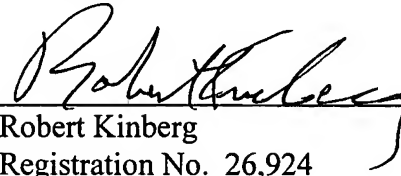
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Atty. Docket No: 31671-176197

Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,

Date: 12/04/01

  
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### Complete if Known

Application Number	Unassigned
Filing Date	December 14, 2001
First Named Inventor	Akira NAKAMURA et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	31671-176197

Sheet	1	of	2
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[illegible][illegible]

Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Unassigned 10/009950
		Filing Date	December 14, 2001
		First Named Inventor	Akira NAKAMURA et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	31671-176197
Sheet 2 of 2			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A2	LERNER et al., "The Role Of Anti-Glomerular Basement Membrane Antibody In the Pathogenesis Of Human Glomerulonephritis" The Journal of Experimental Medicine, Vol. 126, pp. 989-1004, plates 72-76, (1967)	
	A3	GUNWAR et al., "Alveolar Basement Membrane: Molecular Properties of The Noncollagenous Domain (Hexamer) Of Collagen IV And Its Reactivity With Goodpasture Autoantibodies", Am. J. Respir. Cell Mol. Biol., Vol. 5, pp. 107-112, (1991)	
	A4	FRIDMAN et al., "Structural Bases Of Fcy Receptor Functions", Immunological Reviews, published by Munksgaard, Copenhagen, Denmark, No. 125, pp. 49-76, (1992)	
	A5	AMIGORENA et al., "Cytoplasmic Domain Heterogeneity And Functions of IgG Fc Receptors In B Lymphocytes", Science, Vol. 256, pp. 1808-1812, (1992)	
	A6	TAKAI et al., "Augmented Humoral And Anaphylactic Responses In Fcy RII-Deficient Mice", Nature, Vol. 379, pp. 346-349, (1996)	
	A7	YUASA et al., "Deletion Of Fcy Receptor IIB Renders H-2bMice Susceptible To Collagen-Induced Arthritis", J. Exp. Med., The Rockefeller University Press, Vol. 189(1):187-194, (1999)	
	A8	OHMORI et al., "Enhancement of Antigen-Induced Interleukin 4 And IgE Production By Specific IgG1 In Murine Lymphocytes", Cellular Immunology, Academic Press, Inc., Vol. 145, pp. 299-310, (1992)	
	A9	NAKAMURA et al., "Fcy Receptor IIB-Deficient Mice Develop Goodpasture's Syndrome Upon Immunization With Type IV Collagen: A Novel Murine Model For Autoimmune Glomerular Basement Membrane Disease", J. Exp. Med., The Rockefeller University Press, Vol. 191(5):899-905, (2000)	
	A10	KALLURI et al., "The a3 Chain of Type IV Collagen Induces Autoimmune Goodpasture Syndrome", Proc. Natl. Acad. Sci. USA, Immunology, Vol. 91, pp. 6201-6205, (1994)	
	A11	REYNOLDS et al., "Experimental Autoimmune Glomerulonephritis (EAG) Induced By Homologous And Heterologous Glomerular Basement Membrane In Two Substrains Of Wistar-Kyoto Rat", Nephrol Dial Transplant, European Renal Association-European Dialysis And Transplant Association, Vol. 13:44-52, (1998)	

Examiner Signature		Date Considered	
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